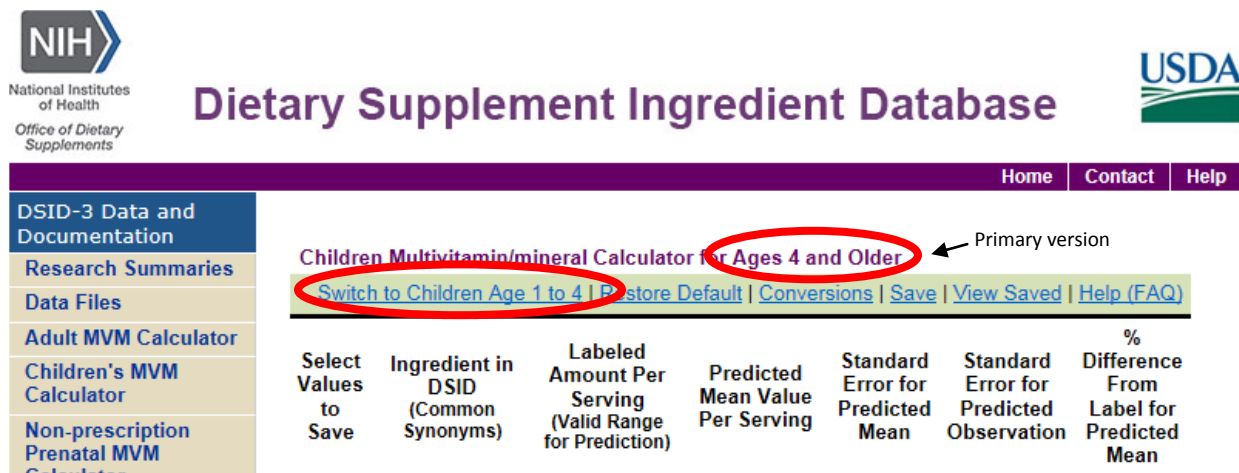


Instructions for Using the Children's MVM Calculator

The calculator screen will show a default number for each ingredient for children's MVMs *for ages 4 and older*, indicating the most common labeled level and its predicted mean level, calculated using the regression equation for that ingredient. Also calculated are the standard errors for the mean and for an individual observation and the percent difference from label for the mean prediction. The calculator version for serving sizes *for ages 4 and older* is the version recommended for most research purposes, since it is the most common serving size for children's MVMs.



If you wish to obtain predictions for children's products labeled for serving sizes *ages 1 to <4*, click "Switch to Children Age 1 to <4" at the top left of the data entry screen. For more information about the statistical evaluation of children's data with two different age groups and serving sizes, see the *Children's MVM Research Summary* on the DSID website.



Use the label information from the supplement container to enter the specific ingredient amount per serving (not the % Daily Value) for the age group and serving size corresponding to the calculator that you are using.

Supplement Facts		
Serving Size Servings Per Container	1/2 Tablet 200	1 Tablet 100
Amount Per Tablet	%DV for Children 2 and 3 years (1/2 Tablet)	%DV for Children 4 years and older (1 Tablet)
Calories 5	*	
Total Carbohydrate <1 g	*	<1%†
Sugars <1 g	*	*
Vitamin A 3,500 IU (29% as Beta-Carotene)	70%	70%
Vitamin C 60 mg	75%	100%
Vitamin D 400 IU	50%	100%
Vitamin E 30 IU	150%	100%

1. Enter values for any or all 16 ingredients within the range listed below each box.
Press the 'tab' key on your keyboard or click outside the box to view entered data.
Your calculated results, including your entered data, will appear in **red**.

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Select Values to Save	Ingredient in DSID (Common Synonyms)	Labeled Amount Per Serving (Valid Range for Prediction)	Predicted Mean Value Per Serving	Standard Error for Predicted Mean	Standard Error for Predicted Observation	% Difference From Label for Predicted Mean
<input checked="" type="checkbox"/>	VITAMIN A	<input type="text" value="3500"/> IU (1500 - 5000)	3940 IU	130	980	13%
<input type="checkbox"/>	VITAMIN D	<input type="text" value="400"/> IU (50 - 400)	544 IU	15	120	36%

NOTE: If the values entered are outside the range indicated in the brackets, then a message which says "Outside Range" will appear.

tocopherol)

☒

THIAMIN
(vitamin B-1)

mg
(0.75 - 5)

Outside Range


--


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DISSEMINATION

2. Select the 'Save' link near the top of the page.


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Switch to Children Age 1 to 4 | Restore Default | Conversions | **Save** | View Saved | Help (FAQ)

Select Values to Save	Ingredient in DSID (Common Synonyms)	Labeled Amount Per Serving (Valid Range for Prediction)	Predicted Mean Value Per Serving	Standard Error for Predicted Mean	Standard Error for Predicted Observation	% Difference From Label for Predicted Mean
<input checked="" type="checkbox"/>	VITAMIN A	3500 IU (1500 - 5000)	3940 IU	130	980	13%
<input type="checkbox"/>	VITAMIN D	400 IU (50 - 400)	544 IU	15	120	36%

3. Assign a profile name to each set of calculations.


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Switch to Children Age 1 to 4 | Restore Default | Conversions | Save | View Saved | Help (FAQ)

Select Values to Save	Ingredient in DSID (Common Synonyms)	Labeled Amount Per Serving (Valid Range for Prediction)	Predicted Mean Value Per Serving	Standard Error for Predicted Mean	Standard Error for Predicted Observation	% Difference From Label for Predicted Mean
<input checked="" type="checkbox"/>	VITAMIN A	3500 IU (1500 - 5000)	3940 IU	130	980	13%
<input type="checkbox"/>	VITAMIN D	400 IU (50 - 400)	544 IU	15	120	36%
<input type="checkbox"/>						10%
<input type="checkbox"/>						8.6%
<input type="checkbox"/>						6.1%


Assign a name for this profile of calculations.

Profile Name:


There are some fields unchanged. Do you want to include default values, or save modified data only, or save checked data?

[Include Default Values](#) | [Use Checked Data Only](#) | [Cancel](#)

- Choose either 'Include Default Values' (to include the original values shown on the data entry screen plus the data you changed) or 'Use Checked Data Only' (to include only the data you changed) to save your profile. You can generate multiple sets of calculations (profiles) within one file.
- To add an additional profile to the same file, select 'Add a New Profile' above the columns on the review page. **[NOTE:** In order to save these files onto your computer, your browser security settings must be configured to allow cookies.]



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Stored Profiles

This page lists all profiles you want to save. Click "Restart" to remove all these profiles and restart the procedure; click "Add A New Profile" to generate a new profile; click "Save To A File" link to export them into a Microsoft Excel file.


[Restart](#)
[Add A New Profile](#)
[Save To A File](#)
[Help \(FAQ\)](#)

Name	DSID Calculator	Details						
686463	MVM_CHILD_4PLUS							
		Nutrient	Labeled Amount Per Serving	Predicted Mean Value Per Serving	Standard Error for Predicted Mean	Standard Error for Predicted Observation	% Difference From Label for Predicted Mean	
		VITAMIN A	3500 IU	3940	130	980	13%	remove profile
		VITAMIN D	400 IU	544	15	120	36%	
		VITAMIN E	30 IU	33.1	1.2	6.7	10%	

- In the next window, view your results and save them as an Excel file (.xls) by selecting 'Save To A File' and filling in the name of your file.



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[Restart](#) |
 [Add A New Profile](#) |
 [Save To A File](#) |
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Name	Details																								
686463 MVM_CHILD_4PLUS	<table border="1"> <thead> <tr> <th>Nutrient</th> <th>Labeled Amount Per Serving</th> <th>Predicted Mean Value Per Serving</th> <th>Standard Error for Predicted Mean</th> <th>Standard Error for Predicted Observation</th> <th>% Difference From Label for Predicted Mean</th> </tr> </thead> <tbody> <tr> <td>VITAMIN A</td> <td>3500 IU</td> <td>3940</td> <td>130</td> <td>980</td> <td>13%</td> </tr> <tr> <td>VITAMIN D</td> <td>400 IU</td> <td>544</td> <td>15</td> <td>120</td> <td>36%</td> </tr> <tr> <td>VITAMIN E</td> <td>30 IU</td> <td>33.1</td> <td>1.2</td> <td>6.7</td> <td>10%</td> </tr> </tbody> </table>	Nutrient	Labeled Amount Per Serving	Predicted Mean Value Per Serving	Standard Error for Predicted Mean	Standard Error for Predicted Observation	% Difference From Label for Predicted Mean	VITAMIN A	3500 IU	3940	130	980	13%	VITAMIN D	400 IU	544	15	120	36%	VITAMIN E	30 IU	33.1	1.2	6.7	10%
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- To open a saved file, go to the directory on your computer (in Windows, probably in the My Documents directory) where the file was saved and open using Microsoft Excel. Once the file is saved, it can be manually modified and sorted.

NOTE: Predictions generated from the MVM Ingredient Calculators are estimates and are valid only for interpretation as indicated in the DSID documentation.